

BRIEF DESCRIPTION OF THE DRAWINGS

The above and still further objects, features and advantages of the present invention will become apparent upon consideration of the following detailed description of a specific embodiment therefor, especially when taken in conjunction with the accompanying drawings wherein the reference figures are utilized to designate like components, and wherein:

Figure 1 is an illustrative side view of an untreated glass sheet;

Figure 2 is an illustrative view of the glass surface structure after the diffusion etching treatment according to the present invention;

Figure 3 is an illustrative view of a typical primary raised structures produced on the glass surface;

Figure 4 and is enlarged illustrative views of the glass surface structure after anti-reflectance etching according to the present invention;

~~Figures 5 through 11 are scanning electron micrographs illustrating a glass surface at various stages of the anti-reflective process of the present invention, including a comparison with a typical diffusion etched surface;~~

Figures 12 and 13 are scanning electron monographs of a diffusion etched glass surface;

Figure 14 is a scanning electron monograph of the glass surface's secondary raised and lowered surfaces as formed by prior art processes; and

Figure 15 is a scanning electron monograph of the glass surface's secondary raised and lowered surfaces as formed by the currently preferred exemplary embodiment.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

The present invention provides an inexpensive but nonetheless effective anti-reflective, low glare, glass product that is easily cleaned using common household glass cleaners. This glass is particularly useful as a protective cover or shield in picture frames or as a screen for cathode ray tubes.

Figure 1 is an illustration of a glass sheet, prior to any treatment according to the

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.